Friday, 5/19/2006 9:49:35 AM User Linda Lacelle **Process Sheet** : CU-DAR001 Dart Helicopters Services : LUG **Drawing Name** Customer Job Number : 26625 **Estimate Number** : 10337 : D28073 Part Number P.O. Number S.O. No. : : D2807 REV C : 5/19/2006 **Drawing Number** This Issue : N/A Prsht Rev. : NC Project Number : MACHINED PARTS : 4/10/2006 First Issue Type **Drawing Revision** : 23479 Material Previous Run : 4/17/2006 Each **Due Date** Written By Checked & Approved By Comment : Est A 05.06.02 New Issue KJ/JLM **Additional Product** Job Number: Description: Seq. #: Machine Or Operation: M303R0750 303 Round Bar .75" 1.0 Comment: Qty.: 5.4705 f(s) 0.1094 f(s)/Unit Total: Material: 303 Round Bar Ø0.750" Batch: <u>M/004/15</u> 38 (M303R0.750) 50 2.0 HARDINGE CNC LATHE SMALL HARDINGE Comment: HARDINGE Turn as per Folio FA529 and Dwg D2807 Dwg Rev: PID 2-Deburr 3.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE HAAS CNC VERTICAL MACHINING #1 4.0 HAAS1 Comment: Haas #1 Machine as per Folio FA528 and Dwg D2807 Dwg Rev: ____ Folio Rev: 2-Deburr 5.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE

88

W/O:		WORK ORDER CI	WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector				

NCR:		Wo	ORK OR	DER NON-CONFORMAN	CE (NCR)			
V#E-1/24/25 XX.25A	TO SACWASHINA	Description of NC Corrective Action Section B Verification A						Annanal
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector
06/0421	2.0	34 parts affected when drill went too deep Drill was about .050 too deep	9 06.04.21 par 042	Scrap+Replace	objects	06/04/21	Of 04.31	Josep 1

Part No:	PAR #:	Fault Category: NCR		Yes No DQA:	Date: 00/05/26
NOTE: Date & initial all entries			(QA: N/C Closed:	Date:

Friday, 5/19/2006 9:49:36 AM -Date: 1 User: Linda Lacelle Customer: CU-DAR001 Dart Helicopters Services

Job Number: 26625

Process Sheet

Drawing Name: LUG

Part Number: D28073

Job Number:



Seq. #: Machine Or Operation: Description:

6.0

QC8

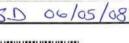
SECOND CHECK





Comment: SECOND CHECK

PACKAGING RESOURCE #1



7.0

PACKAGING 1





Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 5



8.0

DC



DOCUMENT CONTROL



50

Comment: DOCUMENT CONTROL Inspection Level 21

Job Completion



W 06.55-09

Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANGES	3				
DATE	STEP	PR	OCEDURE CHAN	IGE	Ву	Date 0	Qty	Approval Mfg / Design Mgr	Approval QC Inspector
NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCR	2)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section B Action Description	Sign &	Verificati Section (Approval Design Mgr	Approval QC Inspector
			Design Mgr	Design Mgr	Date				
Part No): 	PAR #:	Fault Category	:NCR:	Yes No	DQA:		Date:	

QA: N/C Closed:

Date: _

NOTE: Date & initial all entries

AS

ANY PURPOSE

8 COPIED

ZHS

D2807 GAS SPRING 1) SPECIFICATION: SS GAS SPRING

ACCEPTABLE LOAD RANGE IS 25 Ib MIN TO 45 Ib MAX

6.46 MIN EXTENDED

4.88 MAX COMPRESSED

M5x0.8 THREADS

M5x0.8 THREADED ENDS, ACCEPTABLE TO TRIM END UP TO 0.050 TO MEET

COMPRESSED DIMENSION (TYP)

POSSIBLE SUPPLIER: ArvinMeritor Motion Control Systems, Leicester, UK

P/N: SXF6S6050080S6L-115N

(REF: 80mm LONG CYLINDER, 50mm STROKE, 115N LOAD)

3) ALL DIMENSIONS ARE IN INCHES

4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

D2807-3 LUG (2 PLACES)
0.24 TO CRIMP (TYP)
CRIMP 0.015-0.025" DEEP WITH Ø0.375 TOOL AT 2000psi (REF), TYP TWO SIDES PER LUG

CHANGE SPRING TO SS, ADD	05.05.25	C
ADD FINISH	05.03.16	В
NEW ISSUE	00.11.03	Þ
GAS SPRING	5.25	05.05.25
TITLE		DATE
D2807	APPROVED THE	CHECKED
DART AEROSPACE HAWKESBURY, ONTARIO, CANAL	CP CP	DESIGN

F

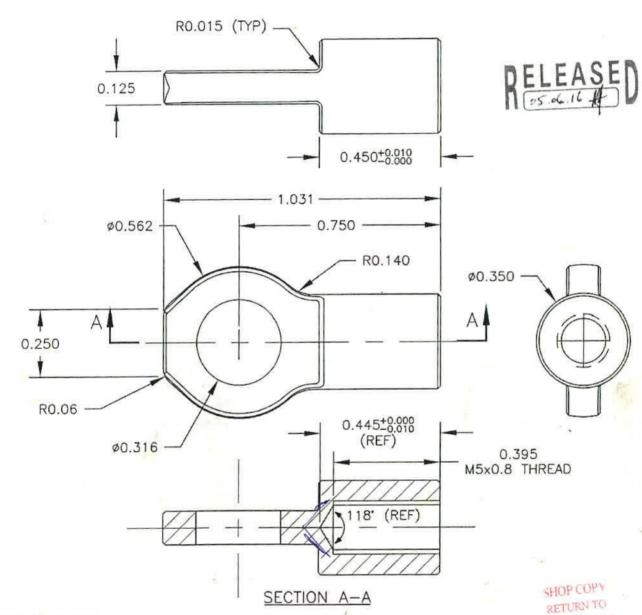
SHEET

1 OF 2

LUG



CP CP	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED	APPROVED #	DRAWING NO.	REV. C
141	CHI	D2807	SHEET 2 OF 2
DATE		TITLE	SCALE
05.05.25		GAS SPRING	3:1



D2807-3 LUG

1) MATERIAL: AISI 303 ROUND BAR (REF DART SPEC. M303R)

2) FINISH: NONE

3) BREAK ALL SHARP EDGES 0.010 TO 0.015

4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

5) ALL DIMENSIONS ARE IN INCHES

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PART AEROS	SPACE LTD			1	Work Order:	26625
Description:	-2				Part Number:	028073
Inspection Dwg	: D2807 Rev:	C				Page 1 of 1
100	FIRST	ARTICLE IN		ON CHE		x
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.031	+.010	1.030	1	ŧ (
.562	±.010	,564	V			
,750	+.010	1250	V			
.750	±.010	,750				
,316	+ .010	,316				
1125	+,010	,124				
,450	+,010	, 460				
.750	±.010	. 750		⊰f°		
,250	±.010	,250				
MODERAN						
			4			
						- 49
-						
		11				
•						

Measured by:	Audited by: 3-6	Prototype Approval:	
Date: 06/04/19	Date: 06/64/10	Date:	

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/RF	1